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Attorney for Applicant(s)

PATENT APPLICATION

Docket No.: SJO920030091US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David M. Cannon et al.)
Serial No.: Not yet assigned)
Filing Date: March 16, 2004) Group Art
For: APPARATUS, SYSTEM, AND METHOD FOR) Unit:
ADAPTIVE POLLING OF MONITORED SYSTEMS)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement discloses information which has come to the attention of applicant and his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or as an admission that the

information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each publication and other item of information in written form listed on the enclosed Form PTO-1449.

NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language.

JP 08-180287

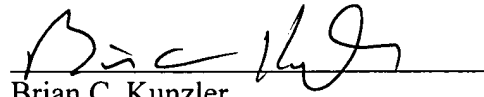
Abstact

Purpose: To surely collect the alarm or the like occurring in slave devices without excessively increasing the load on of a a master device by controlling the polling period by the time series change of the number of alarms and state information collected from slave devices.

Constitution: In the device in which a master device 1 collects alarm and state information of plural slave devices 2 to 4 by polling and monitors them, an alarm state change detection part 13 of the master device 1 counts the number of alarms and the number of state changes to obtain a change rate S5 in the time series, and a polling period generation part 14 adaptively variably controls the polling period for request of collection of alarm and state information for every slave device. That is, the polling interval is shortened in accordance with the change rate S5 when the increase of alarms or state changes is predicted, and the polling interval is extended when the reduction of the change rate S5 is predicted, and a polling period signal S7 is outputted, and an

alarm/state monitor processing part 15 outputs an alarm information request signal S1 to slave devices 2 to 4 based on this signal S7 and a slave device named S6.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Bac 149", is written over a horizontal line.

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Date: March 16, 2004

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. Not yet assigned	ATTORNEY DOCKET NO. SJO920030091US1
	FILING DATE March 16, 2004	GROUP ART UNIT
	APPLICANT(S): David M. Cannon et al.	

REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,598,363	07/01/1986	Clark et al.	364/200	07/07/1983
	A2	5,566,351	10/15/1996	Crittenden et al.	395/867	06/20/1994
	A3	6,173,323	01/09/2001	Moghe	709/224	12/24/1997
	A4	6,353,869	03/05/2002	Ofer et al.	710/200	05/14/1999
	A5	6,621,827	09/16/2003	Rezvani et al.	370/449	11/10/2000
	A6	2002/0039369	04/04/2002	Koo	370/449	09/21/2001
	A7	2003/0009552	01/09/2003	Benfield et al.	709/224	06/29/2001
	A8	2003/0097417	05/22/2003	Lin et al.	709/213	02/07/2002
	A9	2003/0140092	07/24/2003	Caruso et al.	709/203	01/18/2002

FOREIGN PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO
	A10	08-180287	07/12/1996	Japan	G08B 26/00		

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

NON-PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
	A11	"Adaptive Polling Algorithm for Monitoring Multimedia Devices", IBM TDB, 09-93, Vol. 36, No. 09A, Pages 83-84
	A12	"Adaptive Polling Algorithm for PCs Connected to AS/400 ASCII Work Station Controller", IBM TDB, 03-91, Vol. 33, No. 10A, Pages 89-91

EXAMINER	DATE CONSIDERED
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